



OTVARC

APRIL-MAY-1981

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

NEXT MEETING: Wednesday, May 20. 6:30 for dinner.
7:00 for meeting. NORTHS CHUCKWAGON-BEAVERTON MALL

Sure do appreciate having Niel jump in and help out on our program problems last meeting. Bunny hunting sounds like a fun trip. Also appreciated is Dales narration of the slide portion of the program. Hope that some of you enjoyed seeing a little of the South Saddle repeater. Many thanks for your help guys!!

Portland Radio donated a Cushcraft 2m beam for our raffle and the Watt Shops major item was a portable radio which rcvs 2m along with weather and aircraft. St Helens Electronics gave us a BIG bunch of goodies and that really helped us have more winners. The club is indebted to you who donate. Without you the club would have to resort to Saturday car washes for funds....Thanks!!

Don't be surprised at the May meeting if the meeting room door is locked. The manager was rather disturbed that so few members had dinner at our last session. He feels that if we have to go around through the main dining room that we will all buy dinner. It is planned to have a chat with the (gentleman) and try to explain to him that a \$200.00+ gross is better than none at all. It will also be explained that the ARRG luncheon is held there-weekly. A couple of weeks ago there was 17 people at the luncheon. Put it all together it spells money. About \$4400.00 over a years period. We are looking at another place to meet, sorry to say. Hang in there for a bit till we see which way the wind blows.....

Very nice to see Eldon, WB7BCW at a meeting. He is the PR man for far-away Forest Grove. Al Herman showed twice in a row now and a few other now and then faces were seen. Neat!! Wonder how come ETR was a no show??

If you were not at the meeting, we voted overwhelmingly to purchase the Hy-Gain 204BA beam for club field day use. A HUGE sigh of relief from those of us who in the past have had such a hassle in rounding up antennas. Bob Orr, who has donated his beam the past two years is no doubt happy with the vote. The real pits to take down what you put up and then do it all over again. Sooner or later something gets kerbusted!! Muchos gratuitous to the members support!!!!

Try out the new ARRG repeater on 14630-90. Location is on the channel 6 tower way up on the west hills. Covers all of Portland and most all of the TValley-handheld. More later!!



THE LITTLE DRUMMER IS COURTESY OF
WORLD RADIO AND OBVIOUSLY A FEW MINOR
CHANGES WERE MADE. HOPE YOU LIKE IT.

TO THE LADIES

We have had some very good support from the fairer gender as of late and that is a real boost to a club which is socially oriented. Of the 113 members there are 10 who are women. BUT-at meetings we have been close to having 20 women. ALSO-at social functions we have had a ratio of 1 to 1. Things are coming along well with one exception. Some of our social outings have been pretty light in attendance. Could be that if that handsome guy in the family were to pass you the newsletter after he is done with it, you could keep up on coming events. Or maybe the OM puts it in the trash without reading it. For shame!! Anyway, sure hope to see a lot more of you ladies joining in on the fun....

GOLDWATER INTRODUCES NEW TELECOMMUNICATIONS BILL

Barry Goldwater, K7UGA, has introduced new legislation, S-929, into Congress amending the Communications Act.

It is co-sponsored by Senator Robert Packwood (R,OR) and Howard Cannon (D,NV) the current Chairman and Ranking Minority Member of the Senate Commerce Committee. It is also sponsored by Communications Sub-Committee members, Senators Schmitt, Pressler, Stevens, Hollins and Inouye. Senator Harrison Schmitt (R,NM) is a Ph.D and a former astronaut.....Senator Ernest Hollins (D,SC) is the current subcommittee Chairman. All sponsors are very influential Congressmen.

The Senate Bill (S-929) gives the FCC authority to regulate RFI susceptibility to home entertainment devices and allows the Commission to use volunteers. The Dannemeyer language (D&B 3,7) is incorporated into the Goldwater bill and like the Dannemeyer (R,CA) bill, also covers CB (as well as amateur volunteers) and volunteer administration by amateurs of the Novice ham examination. S-929 also changes the "Section 605 secrecy provisions" so that they do not apply to amateur communications. Even though many thought the 605 provisions did not apply to amateur communication, a legal determination during the Guyana/People's Temple tragedy was made to the contrary. The bill establishes minimum performance standards for home entertainment (audio and visual) electronics to reduce RFI sensitivity and provides the FCC with the option of making all radio licenses valid for a ten year rather than a five year period.

✓ Another key feature of the Goldwater bill provides "point-of-sale" regulation for transmitters, RF power amplifiers and component kits so that a person not possessing a valid license can not obtain electronic radiating devices that he is not licensed for. Also barred by this portion of the bill would be such illegal equipment as radar jammers and other equipment sold as amateur gear.

S-929 includes a much wider scope than just amateur radio, but this is the portion of the bill that is of the most interest to all of you. S-270 (Communications Act Rewrite) sponsored by basically the same Congressmen is also under consideration and is consistent with President Reagan's announced intention of reducing the size of the bureaucracy and trimming spending.

CLUB EASTER OUTING

What can we say! Janet and her crew did a great job and everybody who showed up had a good time. The weather man even got into the act and gave us a beautiful day. The pot luck was delicious and got gobbled up in a jiffy. We had a hunt for the little ones, the not so little ones and as a finale, the kids hid the eggs for the adult?? hunt. They got a kick out of throwing most of the eggs up into the fir tree limbs. If we have the same trip next year, bring your tree climbing apparel and something to keep fir needles out of your hair. Those kids were ruthless!! A real fun activity and if you missed it, too bad. We had about 40 people enjoying themselves!! Sure beat staying home and mowing the lawn. Take in our next social outing. You might be surprised at the fun we have!!!

FOR SALE

Galaxy 5 Mk2 with power supply and manual. Fair cdx. \$250.00.
Bernie Pollock-W2IMS

Yaesu 101 ZD with CW filter, speech processor, Yaesu desk mi, Yaesu headphones and all of this is MINT condition. \$550.00.
Also a 14 AVQ vertical which covers 10-40. \$35.00.
Jeff ASAY-KB7JU..

Drake TR-4 W/AC-4. \$375.00. Yaesu FT-301D W/PS. \$625.00.
Both are in mint and come with manuals.
Bill Border-K7WTC.

Sale or trade. Heathkit 5 band rcvr. New cost-\$150.00.
Al Berg-WB7SIC.

UPCOMING ACTIVITIES

MAY 16	BREMERTON, WA	Harold James K7EV, 2150 Shamrock Dr, Bremerton 98310 PHONE 206 377 5777
MAY 30 & 31	TRI-CITIES, WA	(Richland) PO Box 73, Richland 99352 PHONE 509 946 8577 - Russ
JUNE 5,6,7	SEASIDE, OR	<u>ARRL NORTHWESTERN DIVISION CONVENTION</u> Dale Reed, Chairman, PO Box 920, Seaside 97138
JUNE 6	WENATCHEE, WA	Bob, K7EVL
JULY 18 & 19	GLACIER, MT	GLACIER INTERNATIONAL Shirley Smith, 1822 14th Ave So, Gt Falls, Mt 59404 PHONE 406 452 1886
JULY 31	<u>WIMU</u>	WEST YELLOWSTONE Les Belyea, N7AIK, PO Box 327, Belgrade, Mt 59714
AUGUST 15,16	TACOMA, WA	TACOMA HAMFAIR Jerry Seligman, W7BUN, 12306 80th Ave E., Puyallup 98371 PHONE 206 845 7652
SEPT 26-27	WALLA WALLA, WA	Bud, K7RAO or Earl W7CPG



MARS — what is it?

MARS is the acronym for the Military Affiliate Radio System. This MARS is over 50 years old, having been constituted in November 1925 as the Army Amateur Radio System (AARS), by a few far-sighted members of the U.S. Army Signal Corps.

At the onset of World War II (when Amateur Radio operations were suspended for the duration), 5,600 of the approximately 60,000 FCC licensed Amateur Radio operators were members of the AARS. During 1946, the AARS was reactivated, and in 1948 it was expanded to include the U.S. Air Force and renamed the Military Amateur Radio System. In 1956, it was given its present name.

During 1962, it was expanded to a tri-service program under Department of Defense (DOD) control, along with the activation of the U.S. Navy-Marine Corps MARS on 1 January 1963. By 1975, this tri-service program had grown to over 14,000 volunteer members.

The mission (purpose) of the MARS program is to provide: 1) DOD sponsored emergency, unclassified communications on a local, national or international basis as an adjunct to normal communications. 2) Auxiliary communications for military, civil and/or disaster officials during emergency conditions. 3) A potential reserve of trained radio communications personnel for military service, when needed, by promoting the study and experimentation in radio communications and electronics. 4) A means to handle morale (third-party) and other authorized record and voice communications traffic for U.S. Armed Forces, and authorized U.S. Government civilian personnel stationed throughout the world.

In essence, it is a combination of ARES and NTS rolled up together and expanded to operate on a worldwide basis.

— BARC's BARK, Boulder, CO

Contests . . . why?

Ron Koczor, K9TUS

For every avid contest, there is probably an avid contest hater. For the majority of amateurs, however, contesting may simply be a somewhat puzzling and incompletely perceived activity which is to be tolerated while it clutters up the bands periodically. Many amateurs — including a lot of beginners — cannot fathom why someone would sit at his radio for 36 hours (with minimum breaks) working a contest. Sounds too much like work!

Well, it is . . . if you are serious about it. Like any other aspect of this hobby (or any hobby), to be good at something takes a personal commitment. On the other hand, you can participate in this activity without being serious.

Serious or not, there are two basic reasons why contest operation can be good for you and our hobby. First, contest operation allows you to improve your operating efficiency. Working on the air in a leisurely ragchew situation is certainly fun. But it doesn't help you become efficient. Efficiency in a radio operator implies speed and accuracy. If you are ever called upon to operate under emergency conditions, you will need both speed and accuracy . . . someone's life may depend on you! In some situations, you may get only one chance to copy a piece of information which is vital. You have to be able to be fast and accurate. Contesting allows you to determine just how good of an operator you are. Can you make 60 QSOs per hour? Even if all you exchange is call sign, state and signal report, 60 contacts per hour is beyond most radio amateurs.

Yet 60 per hour is only marginally acceptable for contesting. 100 to 120 per hour is considered "good." To do that consistently requires good ears, excellent coordination and attention. (Hearing the station is one thing; you also have to record the information.) You have to think quick!

Very few people are born contesters and fewer still can work 120 QSOs per hour their first time. Contesting is a learned skill. By participating, you learn crisp operation — no wasted words, no wasted motion. You learn how to listen, how to organize your thinking and how to operate. In an emergency, listening, organized thinking and crisp action are the keys to success.

Even if you increase your operating efficiency from 10 contacts per hour to 40, you've helped yourself, haven't you?

The second reason contesting will benefit you is that you will learn the capabilities of your station. Most of us never use our equipment to its full capacity. Operating a contest will point out to you the weak links in your gear. Equipment layout can make a tremendous difference in the effectiveness of your communication system. Do you want to learn how effective your antenna system is? One weekend of contesting will give you more than a log full of signal reports and personal observations and comparisons. You'll learn which areas of the country and the world you can work into and which you can't. You'll learn about propagation in a way no book can teach you.

If you really get into contesting, you'll begin experimenting with ways to make your station more effective . . . and you'll learn something technical in the process!

In short, contest operation allows you to evaluate and improve both your personal operating and your station's effectiveness. A secondary benefit is that, just a few contests, you'll earn your WAS, WAZ, or DXCC awards.

That's the why of contesting. The fun of being "Number 1" is a factor . . . as is the keen edge and excitement of competition. The main benefit, however, is the overall improvement in the skill level of the radio amateur population.

In an emergency, that is of overwhelming importance!

— Hamsplatter, Fort Wayne RC, IN

ANYBODY FOR A MONTHLY
SATURDAY MORNING CLUB
BREAKFAST ?? MAYBE THE
SATURDAY AFTER OUR MEETING ?

Kerchunk

The KERCHUNKERS (Des Moines chapter) meet each day when the repeater is not in use. To qualify as a kerchunker one must show his skill by pressing the microphone button long enough to activate the repeater but not long enough to I.D. or be identified. To be a certified kerchunker, one must follow this procedure successively until the mike finger fatigues or someone wants to use the repeater.

Be careful to kerchunk when you know no one is listening, so that legitimate repeater users will not be irritated and put an anti-kerchunk device on the repeater.

By being a Certified Kerchunker, one can do the following:

A Tee Here ↑

- 1) See if your transmitter can access the repeater.
- 2) See if the repeater can hear your transmitter.
- 3) Enjoy the excitement of hearing the squelch tail.
- 4) See if the repeater is "up."
- 5) Use the repeater without having to talk to anyone.

It is a real thrill to put your license, your rig, and the repeater to use by kerchunking and be sure to complain when the repeater is "down."

The KERCHUNKERS are not taking any new applications for membership; we have too many members now.

(By I. AM. Dumb, Chief Kerchunker)

— Static Sheet, Des Moines ARC

UPSY - GRADES

N7BJT — 3 new countries
KA7DEW — 1 contest contact
W47GDS — Made an arrest
W7X1 — Got a haircut
KA7GLX — Upgraded her hubbie
W46KLA — Bought a tie. 31"
K7LJ — Moved to L.A. ??
W87RKW — Bought a new RICE Box

Ladies: Please read.

FIELD DAY
FIELD DAY

Gentlemen: Please read.

THE FIELD DAY COMMITTEE MET AT SAMBOS AND MADE THE NEEDED DECISIONS. WE WILL BE HAVING OUR OUTING AT LAST YEARS SITE AND WILL RUN FOUR STATIONS, ONE OF WHICH WILL BE A NOVICE SET-UP. WE WILL USE SOLID STATE RIGS AND BATTERY POWER. THE NOVICE STATION WILL HAVE A TOWER AND BEAM TO WORK WITH THIS YEAR SO ALL BUT ONE STATION WILL BE BEAM EQUIPPED. SATURDAY NITE DINNER WILL BE SPAGHETTI WITH SALAD AND GARLIC FRENCH BREAD. SUNDAY MORNING BREAKFAST WILL BE PANCAKES AND SCRAMBLED EGGS. MIGHT HAVE TOAST ALSO. MEAL COST WILL BE \$1.00--BUT KIDS FROM 12 THROUGH 6 MAY DINE FOR 50¢. THE 5 YEAR OLDS AND UNDER ARE EATING FOR FREE. WE WILL HAVE MORE THAN ENOUGH FOOD TO GO AROUND SO EVERYBODY CAN HAVE ALL THEY CAN EAT. IT IS INTENDED TO HAVE BADMINTON, VOLLEYBALL AND HORSESHOES AVAILABLE TO KEEP NON-OPERATORS BUSY. ALSO, WE INTEND TO HAVE A SATURDAY NITE BINGO PARTY WITH CASH PRIZES. AFTER THE BINGO PARTY THERE WILL BE A MARSHMALLOW AND WIENER ROAST. THE ROAST GOODIES WILL BE CLUB FURNISHED. AS YOU CAN SEE, WE ARE GOING TO DO EVERYTHING POSSIBLE TO MAKE SURE EVERYBODY HAS A GOOD TIME AND AT THE SAME TIME WE ARE OUT TO TAKE THE PRIZE IN THE CONTEST. THOSE WHO WANT TO BE INVOLVED IN THE CONTEST WILL BE IN IT. THOSE WHO WANT TO HAVE A GOOD TIME WILL HAVE IT. JUST MAKE SURE YOU ARE THERE TO TAKE ADVANTAGE OF ALL THE PREPARATION.

ABOUT THE SITE: IT IS ABOUT 6 MILES OUT OF VERNONIA AND IS RIGHT ON ROCK CREEK. THE AREA IS A PRIVATELY OWNED AND WOODED FARM WHICH IS ALSO A GAME PRESERVE. IT IS A VERY PRETTY AREA AND JUST SUPER FOR PERSONAL COMFORT AND FAMILY FUN. THE SITE HAS A LARGE BUILDING WITH HUGE WOOD STOVE, COOKING STOVE, REFRIGERATOR AND OF COURSE ELECTRICITY. THE ROOM IS FILLED WITH PICNIC TABLES AND BENCHES AND WILL SEAT ABOUT 60 PEOPLE. EVEN IF THE WEATHER IS NOT GOOD THERE IS A PLACE TO ENJOY YOURSELVES. THERE ARE TWO COMFORT STATIONS WHICH WILL BE HEAVILY LIMED TO ELIMINATE ANY FLY AND ODOR PROBLEMS. AS MENTIONED, IT IS RIGHT ON ROCK CREEK, WHICH IS REALLY A SMALL RIVER AND IT DOES HAVE FISH IN IT. IF YOU HAVE A TRAILER OR MOTOR HOME, GREAT. YOU CAN GET EITHER ONE INTO THE SITE FOR OVERNIGHT PURPOSES. LOTS OF ROOM FOR ANY TYPE OF VEHICLE AND IF YOU WANT TO TENT IT, THERE IS ACRES OF ROOM. OPERATING: THIS YEAR WE WILL HAVE A GROUP IN CHARGE OF FREQUENCY CO-ORDINATION. IT IS EXPECTED THAT EACH STATION WILL ABIDE, SO AS NOT TO CREATE QRM TO ONE ANOTHER. WE WILL TRY TO HAVE 2m GEAR AT EACH STATION AND IF A QSY IS ASKED, WE WILL ALL SHIFT TO THE FREQUENCIES SO ORDERED. THE 2M GEAR WILL SAVE A LOT OF SHOE LEATHER AND MAKE US MORE EFFECTIVE. WE ARE GOING TO ATTEMPT A ROTATIONAL SYSTEM IN OPERATING. THAT IS, WHEN THE OPERATOR IS THROUGH OPERATING, THE LOGGER WILL SLIDE OVER AND OPERATE AND A NEW LOGGER WILL TAKE HIS OR HER PLACE. THIS METHOD ALLOWS THE LOGGER, IF NEW TO THE CONTEST GAME, TO SEE FIRST HAND HOW TO OPERATE AND ETC... YOU ALL WILL HEAR A WHOLE LOT MORE ABOUT FIELD DAY OVER THE NEXT FEW WEEKS AND IT IS HOPED THAT WHEN A REQUEST IS MADE, EITHER BY PHONE OR MAIL, YOU WILL RESPOND. WE MUST HAVE AS MANY OF YOU AS POSSIBLE AT THE SITE ON FRIDAY THE 26th OF JUNE. WE HAVE 3 TOWERS AND 7 DIPOLES TO ERECT. STARTING IN THE AM!! PLEASE HELP..... FUN IN 81-YOU GOT IT!!!!

BE THERE

JACKETS-BADGES-AND NOW CAPS

First off, let us keep the jacket orders rolling. It would be super if every member had one but if we could get about a 75% membership coverage it would be outstanding. How about some orders for the new UNLINED style?? Outfit your family or friend. DO IT...

We came up with about 45 badge orders at the last meeting. Very good. We intend to turn them in ASAP so as to have them for the convention. Hopefully!

Gordon, W7MAM, is into caps. Business wise that is. He furnished a price list and order form. We will give that a go shortly. Maybe we should get into underwear. Have your name and call on the front. Except for Extra's. In honor of rank, their call on the back. They can sit on their CLASS!!!

RADIATION DEATH DECISION "FIRST OF ITS KIND"

The March 1981 issue of Microwave Systems News reports on a legal decision in favor of the widow of a 58 year old employee of New York Telephone who died of a disease referred to as "microwave sickness". Samuel Yannon worked for 8 years with microwave links on the 87th floor of the Empire State Building before contracting a fatal illness. He died from this illness in 1974 which an "expert witness" (a Dr. Zaret) said was microwave sickness - a disease "well-known in the Soviet Union". Zaret said that at a 1973 symposium held in Warsaw "reported on over 100 cases of this disease". He claims to have discovered a micro-wave syndrome resulting in "radiant energy cataracts". Zaret is a practicing Ophthalmologist. EPA officials agreed that the microwave links Yannon worked on met or exceeded present safety standards and that "There's a lot of difference between a legal decision and scientific fact." An award of \$28,000 has been awarded to Yannon's widow. An appeal is expected by the defendant. It is interesting to note that the USSR and other Soviet bloc countries have set a lower standard than the United States on non-ionizing radiation. While American scientists feel that a safety standard of 10 milliwatts per square centimeter is safe, Soviet standards are up to 10,000 times more stringent! The Soviet Union has a civilian exposure standard of one microwatt per square centimeter and 10 microwatts per square centimeter for "occupation groups" for unlimited exposure.

● SENATE BILL S-821 WAS INTRODUCED MARCH 27TH by Bob Packwood, Barry Goldwater, Harrison Schmitt and Larry Pressler seeking to reimpose radio license fees. Although the bill called for a \$25 fee in the private radio services, we could find no specific mention of CB and/or amateur radio licenses. The proposed legislation authorized the FCC to "waive or delay payment of any fee" and it is possible that this will apply to the personal radio services. More later.

CABLE TV POSES INTERFERENCE THREAT TO AMATEUR RADIO

Cable TV companies are allowed to use various frequencies to rebroadcast their programming...including amateur radio spectrum. The president of the Columbia (SC) Amateur Radio Club, Phil Wade (KA4JPM) noted in their newsletter that 145.25 MHz is the frequency allocated to Cable TV's Channel 18 and that it had been heard on two meters. FCC specs say the cable companies can radiate .2 microvolts per square meter at 10 feet using a half wave dipole as a reference. Poor cable TV wiring and bad connections can cause RFI to amateur radio and you should be aware of this. It is the cable TV's responsibility to be certain that no interference exists. If you suspect a cable TV interference problem we suggest you send a report of this to the ARRL Intruder Watch program and notify your local FCC field office. And speaking of intruders, did you know that there are now 429 broadcast stations using 121 frequencies in our 80, 40 and 20 meter bands?

When YOU Want**SERVICE BEYOND SUBSCRIPTION****You Need the American Radio Relay League**

Intruder Watch

Hq. for the International Amateur Radio Union

Representation before government agencies

Inexpensive Equipment Insurance

Operating Awards and on the air activities

Low cost outgoing QSL Bureau and free incoming bureau

QST, the monthly Journal for Amateur Radio

Field Organization for public service

WIAW Code Practice and Bulletins

TVI/BCI and Tower Ordinance assistance

Reciprocal Operating guidance

Licensing Training Aids

OSCAR Education Program

Blind and Handicapped help

Operating Aids

Club liaison

Amateur Radio Publicity through mass media

Technical Information Service

ARRL Lab research and development

Testing of Commercial Products

...AND MORE

Application for Membership**AMERICAN RADIO RELAY LEAGUE**

Administrative Headquarters

American Radio Relay League
Newington, Conn. U.S.A. 06111

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Being genuinely interested in Amateur Radio, I hereby apply for membership* in the American Radio Relay League. Please begin QST with the _____ Class of operator's license issue. The call of my station is _____ I belong to the following radio societies: _____

I have previously been an ARRL member.

I Payment enclosed ☐ Charge card ☐ Bill me

Membership term and dues:

	U.S.	Canadian†	Foreign†
☐ 1 year	\$18.00	\$20.00	\$21.00
☐ 2 years	35.00	39.00	41.00
☐ 3 years	51.00	57.00	60.00

Name

Address

City, State or Province, Zip or Postal Code

Charge to my ☐ Master Charge ☐ Visa

Account number

expires

Bank number (MC)

A bona fide interest in amateur radio is the only essential requirement, but full voting membership is granted only to licensed radio amateurs of the United States and Canada. Therefore, if you have a license, please be sure to indicate it above. Membership and QST cannot be separated. For postal purposes, fifty percent of dues is allocated to QST, the balance for membership.

*Membership is available only to individuals. Life Membership is available. Write the Secretary for details.

Any member of the immediate family, living at the same address, may also become a League member, without QST, at the special rate of \$2.00 per year. Such family membership must run concurrently with that of the member receiving QST. Blind amateurs may also join (without QST) for \$2.00 per year.

†ARRL membership dues are \$18.00 worldwide. To help compensate for additional postage for mailing QST, the figures shown include \$2.00 per year additional postage required for Canada and \$3.00 additional per year for other countries.

Printed in U.S.A.

Dues effective 4/1/79 subject to change without notice

MA 4-79

3 X



DX WORLD

East Malaysia (9M8)

9M8PW maintains a schedule with his manager at 0930 UTC. Look for 9M8PW or G4DXC near 14.255 MHz; upon completion of the schedule, Paul will stand by for callers.

Club station 9M6VW is operated by Ismail, who is a new amateur found at 1430 UTC on 14.226.

In the VK9NS Net, (formerly the P29JS Net), 9G1JV/9M6 has been a check-in at 0700 UTC on 14.220 MHz.

West Malaysia (9M2)

There is more activity from West Malaysia than that of the eastern section. 9M2RN is regular at midnight UTC working into Sunday morning on 28.670 MHz. He has also been found on 14.203 MHz at the same time period.

Tan Yew Hock, 9M2FR, is another active station and can be found around 21.370 MHz from 0100 UTC. He has also been reported on the same band as early as 1000 UTC.

Look for Grahame Parsons, 9M2GZ, who has been worked on 14.240 MHz at 1200 UTC. You CW fans can try 9M2KG on 14.025 MHz at 1815 UTC or Chow Wai Cheong, 9M2CF, on 14.019 MHz at 1100 UTC.

Tanzania (5H3)

Pat, 5H3AA, is usually near 21.280 MHz from 1930 UTC. Listen for that British accent of his in locating him.

Of the 17 licensees in Tanzania, the majority are not nationals. Karl Schmidt, 5H3KS, removed to Nigeria where he is signing 5N0KWS; Fred Walliser, 5H3FW will be leaving in May; and Rev. Louis Tardiff, 5H3JR, is on leave for six months.

Meanwhile, you can catch 5H3PA on 28.550 MHz around 0900 UTC. John has also been found near that frequency at 1900 UTC. You may also catch Fred, 5H3FW, before he leaves on 14.005 MHz around 1700 UTC.

Botswana (A22)

Never underestimate the power of youth. Mark, A22ZM, who is only 16, is quite active working stateside amateurs near 21.308 MHz from 1900 UTC, and the Europeans and Asians near 21.235 MHz from 1400 UTC.

Mark has also been found as early as 1800 UTC working the stateside deserving DXer. Check around 21.290 MHz for the same times. Mark uses Raymond Ross, KA2GNJ, as his QSL manager, (20-21 Linden Street, Ridgewood, NY 11385).

Central African Republic (TL8)

Bill Harrison, TL8WH, advises that the following calls are valid from Central African Republic: Tony Nement, TL8CN; Gigi, TL8CR; John Montague, TL8JM; TL8RP; and TL8WH. Both TL8JM and TL8CR are inactive.

Bill can be found on Saturdays at 2300 UTC on CW around 3.511 MHz. Another station in the above list — Tony, TL8CN — has been active on 10 meters. Look for him around 1100 UTC near 28.540 MHz. He has also been found on CW on 14.010 MHz at 2130 UTC. Tony roams to other bands too, and is bound to be found at no specific hour.

TL8RP has been reported active and has been found on 28.565 MHz from 1200 UTC. Delta DX Association, W5RU, is QSL manager for TL8CN, TL8JM and TL8WH, while TL8RP uses the services of Andre Boersma, F3EA.

Liechtenstein

The Wiesbaden Amateur Radio Club is off again this spring for their 6th annual DXpedition to Liechtenstein. The DXpedition will be conducted from 23 May through 31 May and will use the call sign DA1WA/HB0.

This year the operating modes will include CW, SSB and RTTY on all bands; CW and SSB on 160 meters; OSCAR Mode A; and 6-meter to 10-meter cross band operations. American Novice contacts will be attempted on 3.725 and 21.120 MHz between 0000 (2400) and 0200 UTC.

The QSL manager for this DXpedition is Dr. H. Jakobljevich, DJ0LC. Stateside QSL cards may be sent via: Mr. Stephen Hutchins, P.O. Box 4573, APO New York, NY 09109.

Bahrain (A9X)

There are a few stations from Bahrain that will hand out contacts to the deserving. Paul, A9XDA is active near 14.217 MHz from 0400 UTC. Also, look for A9XDD, who is a check-in to the DK2OC Net on 28.750 MHz at 1200 UTC. If you don't like nets you can find A9XDD on at other times and has been found on 28.601 MHz at 1015 UTC. 80-meter buffs might find A9XCE on 3.505 MHz around 0200 UTC. As this fellow likes CW, try also 14.021 MHz at 0300 UTC, or 28.020 MHz at 1400 UTC.

Campbell Island (ZL/A)

When ZL3AFH/A is not busy running his schedule with VK0DB, most likely you can find him on the low end of 20 meters working CW from 0700 UTC. If you don't work CW, try SSB on 14.320 MHz from 0900 UTC.

The operator is a member of a meteorology team where he is a photographer. With his approaching winter, he is apt to find more time to operate as his lighting conditions will not be the best for photography. He expects to be there through October. QSL cards may be sent via A.E. Law, ZL2HE.

South Sandwich Islands (LU)

LU3ZY should be active until this November and is operated by Carlos, who is an officer in the Argentine Navy. He tries to be on 20 meters daily near 14.210 MHz at 0100 UTC. Try looking for him Mondays and Thursdays.

LU3ZY has also been found on frequency as early as 2200 UTC and has been known to be elsewhere on the band. Your QSL requests may be sent via LU2CN.

South Shetlands (CE9)

The South Shetlands have seen much action lately, with the efforts of VP8AEO/CE9. He has been found near 14.220 MHz from 0200 UTC and puts a good signal into Northern California. The operator is Neil, who was formerly CE9AF.

Bhutan (A51)

Pradhan, A51PN, has been found on the DK9NE Net that operates on 21.155 MHz from 1100 UTC, and the W7PHO Family Hour on 28.575 MHz at 0130 UTC. Claude Sirat, F6CKH, also maintains a schedule with A51PN on 28.577 MHz at 1000 UTC.

If you work Pradhan, when sending him your QSL card it is most advisable to send it via registered mail: H.N. Pradhan, P.O. Box 166, Thimphu, Bhutan, via India.

Cook Islands (ZK1)

Victor Rivera, KA7HRK, operates from the South Cook Islands as ZK1CG. He runs an IC-701 with a TH6DXX tri-band Yagi. In addition, he has five-element single-band arrays for 10 and 15, plus dipoles for 40 and 80.

There is a possibility of a DXpedition to the North Cook Islands in the near future. North Cook Islands is referred to as Manihiki Islands in the older DXCC lists, where South Cook Islands were referred to just as Cook Islands.

In addition to ZK1CG on the bands, you might come across Malcolm Ellis, ZK1BD, who has been found operating CW on 14.022 MHz from 0600 UTC.

Whichever station you may work, don't use surface mail to the Cook Islands as it takes four to five months to get there.

Albania (ZA)

Here we go with another rumor! Frank Turek, DL7FT, is reported to have a license to operate from Albania and is expected to be there this summer. He will operate for one week on 10, 15 and 20 meters, crystal-controlled with one frequency on CW and possibly two frequencies on SSB. So far, this is only a rumor. Let's hope this one materializes. When was the last time you worked a ZA?

Macquarie Island (VK0)

VK0DB on Macquarie Island keeps daily schedule with W. Latham ZL3AFH/A, on 3.615 MHz at 0800 UTC. As the Macquarie Island station is not yet a DX type, I don't know what your chances are of working him, especially if there is a pileup of calls. Perhaps your chances are better with working ZL3AFH/A on Campbell Island.



UPGRADES

Congratulations are in order to the following members:

KA7DHU, Extra class. KA7HID, Extra class. WB7RKW, Advanced. WB7VTG, Advanced. KA7GHS has a new call, N7CME, General. Nice going guys. The club is starting to get a good share of upper class licences and that is nice to see.

Also: KA7HOJ, Technician

NEW MEMBERS

We welcome the intelligent people who decided to join the club. The group will enjoy having you and only hope that you do likewise. Welcome to: John Bowman-KA7JOW, Eugene Buell-no call (yet), Roger Hayward-KA7EXM, Walt Kall-KA7GUP, Dr. La Roy Miller-KA7BSD, Willis Ranes-no call (yet) and to Walt Evans-K7NSA. For the clubs info, it is interesting to note that WILLIS offered the loan of a 16mm sound projector, anytime the club needs it. That kind of action is what we need and have been getting lately. It sure is a big part of why we have been getting more active and also why we are becoming more successful. Our thanks to all of you for joining. We now number a roaring 113.

SPEAKING OF ROARING

Every meeting cannot be a rip-roaring eye opener for 100% of the members. The small percentage who are in a bad mood, bored with the program or are just inclined to chit-chat, are asked to QSY. You might do this by actually going to sleep, permissible if you do not snore, or go sit in the restroom and read 73. This club has, to best of memory, not had a gavel to bang and should not have to buy one. It is hoped that we do not have to resort to a pre-amplified mic for the PA system. The last meeting was rough. On the guy up front, the person trying to give a talk and perhaps on the member sitting next to you who was trying hard to hear..... Interesting that the gabbers are the first to leave the meeting room when we are QRT.... While we have a gripe thing going here, it would be well worth mentioning here that the meeting is NOT over until you are so informed. At the last session, Dale had done a good job of narrating for the slide portion of our program and as the lights came on, about 10 or 15 people decided for themselves that the meeting was over! NOT SO!!!! There were a few who had some questions and Dale had some difficulty in answering! We have not followed any rule of order and would hope not to. Only the rule of common courtesy. PLEASE, let us keep it as it has been. Stay in your seat until the meeting is officially over!!! Thanks.



NEWS

BULLETIN



Write to show your concern

I am addressing this open letter to all amateurs concerned with the proliferation of intentional interference on the amateur bands. An alarming number of operators seem to have forgotten, if indeed they ever knew, the purpose of Amateur Radio.

During the past five years, I have again become active on the HF bands. I have been dismayed with the alarming increase of deliberate and malicious interference being caused by a lunatic fringe. It has become difficult to find a rare DX station or net operation not being subjected to intentional QRM, and with each passing year the harassing seems to intensify. Polite — and impolite — on-the-air pleas do not seem to reach those causing the problem. Some, in fact, appear to enjoy the resulting vituperation, especially if they provoke profanity, obscenities or racial slurs. It must be noted that, to their credit, most net control stations and operators attempt to ignore such sabotage.

Even in our affluent, permissive society, one can only wonder at this waste of expensive equipment, energy and expertise, and at the enormous affront to the greater majority of considerate, law-abiding amateurs so adversely affected. Since self-regulation has failed, vigilante action is inappropriate. Neither have been effective. Surely more drastic measures and recourse are in order if we, the majority of amateurs, are to continue enjoying our great hobby.

As I understand it, the FCC is currently understaffed and underfunded to take action unless willful interference is proven to occur with emergency communications. If true, this is a sad impasse indeed.

While I abhor bureaucratic expansion, in this case it may be the best and only

solution. I believe there is a real need to review the function and responsibility of the FCC to regulate and control amateur communications and, if necessary, the agency should be funded, staffed and equipped to firmly deal with this cancerous growth. Additionally, the role of official observers and other monitors need revitalizing as by granting further authority to cite offenders.

Constitutional guarantees are clearly involved, — those of the offending minority, as well as the majority of amateurs. But the rights of this minority should not, and must not, be allowed to take precedence over the welfare and rights of the majority.

Copies of this letter are being sent to major amateur publications and to my two senators and representative. If you feel as I do that the time has come for relief from this problem, I urge that you write similar letters to your elected representatives.

Respectfully,
James Simmons, W7KVV
La Grande, Oregon

Very well done and
ALL too true !!

FCC monitoring stations

Allagan, MI	616-673-2063
Anchorage, AK	907-243-2153
Belfast, ME	207-338-4088
Douglas, AZ	602-364-2133
Ferndale, WA	206-354-4892
Ft. Lauderdale, FL	305-473-9845
Grand Island, NE	308-382-4296
Kingsville, TX	512-592-2531
Laurel, MD	301-725-3474
Livermore, CA	415-447-3614
Powder Springs, GA	404-943-5420
Sabana Seca, Puerto Rico	809-784-3772
Waipahu, HI	808-677-3954

— Great Falls Area ARC, MT

CLUB CONTEST REPORT

ARRL CD PARTY

Most of you were aware of our participation in this contest which was held on Saturday, April 4. Members in attendance were: KA7CTP, N4BOS, N7CFM, KA7GHS, KA7HJT, KA7DEW, KA7HID and WB7SIC. CAN NOT understand why you who expressed some interest in contesting did not show up... This activity was set up to help those who were not familiar with contesting and would get a little first hand experience so as to make you (us) more effective for our Field Day trip. ANYWAY—those who did show up had a good time. As the training aspect was a waste, we went gung-ho for total points and we topped last years winner. Last years national winner that is. This is not a testers contest so with some serious effort it is not too hard to place well. It is true that we did not have the event in the newsletter. Due to timing! The next trip will be well publicized so you can plan your time and be able to attend?? Hope so.

A QST FROM TODD FUJINAKA-WB7TKY

Todd went to the state VICA (Vocational Industrial Clubs of America) in Salem for a student contest. He took the Gold Medal in Industrial Electronics and also a Gold in a Group Business Procedure contest. He is asking that any business man who wants a tax donation, to help him get to the national competition in Atlanta, Georgia. Congrats to you Todd and sure hope someone in the club can help you out....

THE FORGOTTEN RAFFLE DONOR

Dick Bixler, WA7DKF, donated a 160m CW transmitter which came from the goodness of his heart. Several months ago it was suggested in this rag that any of you who had unwanted stuff consider donating to the raffle. Look around and see what you can find. I wonder if the member who won Dick's present lives in an apartment. Tee Hee... Many thanks to Dick for his contribution!!!

ARRG - What is that??

That is the "Amateur Radio Relay Group" which is responsible for the big signal on 92-32 from South Saddle mountain. It has been intended for some time to let the club know just how involved your fellow members are in the ARRG group. Listed below are the people responsible..

President: Dave Parker, W7LJN. OTVARC member.
Secretary: Marty McKillip, KA7CTP. OTVARC member. (ARRG Board)
Treasurer: Warren Winner, W7JDT. OTVARC member. (ARRG Board)
Board Chairman: Al Berg, WB7SIC. OTVARC President.
Vice-Chairman: Wes Allen, K7WWG. OTVARC member. (ARRG Engineer)
Trustee: Doug McMurdo, W7XI. OTVARC VP.
AARG Board: Dale Justice, K7WWR. OTVARC member. (ARRG Engineer)
AARG Board: Cecil Conrad, W7MRH. TERAC President

Of the 14 participating members in ARRG (those who donate in a years time \$100.00 worth of equipment or labor) 9 are now OTVARC members. This would include all of those so noted above as well as Niel, WA6KLA and Roger, K7RXV. Pretty close to home isn't it!!! Whose repeater do you support??

PROGRAM

#1: Dale, KB7UK, of Seaside, will be here to tell us all about what it takes to put together an ARRL division convention. We will also learn what our job will be in regards to security. He will give us the latest on who what and where with the convention activities. Give him the benefit of your attendance!!

#2: We will have a SPECIAL guest speaker who will give a chat on THE CARE AND FEEDING OF NI-CAD BATTERIES. Many of us have handi-talkies and if you don't have one it is a good bet that you have some ni-cads for a flashlight or a radio of some sort. Ni-cads have a mind of their own and if you want to find out how to be in charge of the life of your investment, you will find this portion of the program to be very interesting!!!!!!

COME TO THE MEETING EARLY AND RAG CHEW OVER DINNER. NOT AS GOOD AS HOME COOKING BUT THE COMPANY IS GREAT AND THE PRICE IS RIGHT!!! CU ALL AT THE MEETING... BEST 73 and 88.....

OUR HEROES

PORTLAND RADIO
1234 SW Stark
Portland

THE WATT SHOP
891 Molalla Ave.
Oregon City

ST. HELENS ELECTRONICS
1538 Columbia Blvd.
St. Helens

Joe

Dennie @ Diane

Dick

Give them your support. When you are there be sure to say OTVARC !!